Nov 24, 2021

Northwestern University
2006 Sheridan Road
Evanston, Illinois 60208-4070

Dear Faculty Search Committee,

I am writing to apply for the position of Assistant Professor of Statistics at Northwestern University.

I am currently a postdoctoral researcher with Prof. Tamara Broderick at the Massachusetts Institute of Technology's Laboratory for Information and Decision Systems, where I study the robustness of frequentist and Bayesian statistical procedures, both theoretically and with applications including single-cell RNA sequencing analysis, development economics, and a MURI-grant funded study of ocean dynamics. I received my PhD in statistics from the University of California at Berkeley under the supervision of Prof. Michael Jordan, Prof. Jon McAuliffe, and Prof. Tamara Broderick. Additionally, I have earned an MSc with distinction in econometrics from the London School of Economics and BS degrees in mathematics and engineering mechanics with honors from the University of Illinois at Urbana–Champaign. My work history includes four years as an engineer at Google and two years as a Peace Corps volunteer in Kazakhstan.

I believe that the Northwestern University statistics department's history of interdisciplinary work and increasing emphasis on data science aligns closely with my own interdisciplinary research in statistical methodology for large-scale, complex problems. Further, I believe that my tenure as a fellow in the Berkeley Institute for Data Science, my work developing a data science component for the UC Berkeley graduate curriculum, and my years of experience as an engineer at Google will allow me to contribute meaningfully to Northwestern University's new data science major.

I appreciate your consideration. Sincerely,

Dr. Ryan J. Giordano

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